REMARKS

Claims 19-25 are pending in this application. By this Amendment, claims 1-18 are canceled without prejudice to, or disclaimer of, the subject matter recited in these claims. Claims 19-25 are added. The added claims introduce no new matter because they are based on the originally filed claims 1-18 and add clarifying features. Reconsideration of the application based on the above amendments and the following remarks is respectfully requested.

An Information Disclosure Statement with Form PTO-1449 was filed in the above-captioned patent application on October 10, 2007. Applicants have not yet received from the Examiner a copy of the Form PTO-1449 initialed to acknowledge the fact that the Examiner has considered the disclosed information. The Examiner is requested to initial and return to the undersigned a copy of the Form PTO-1449. For the convenience of the Examiner, a copy of that form is attached.

The Office Action, on page 2, rejects claims 1-18 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,738,697 to Breed. These rejections are rendered moot because claims 1-18 are canceled.

Claims 19-25 are added and include features that are not taught, or reasonably would have been suggested, by the applied reference. Specifically, Breed, in its disclosure of a telematics system for vehicle diagnostics that diagnoses the state of the vehicle or the state of a component of a vehicle and generates an output indicative or representative thereof (Abstract), fails to teach or to have suggested a configuration in which first to third subsystems include first to third request units and first to third arbitration units, respectively.

Breed also fails to teach that the actuator of the vehicle is controlled by the output unit in the first subsystem based on the result of arbitrating the control quantity calculated

independently by respective first to third request units in each subsystem through first to third arbitration units.

To the extent that Breed teaches a vehicle diagnostic system, Breed does not teach an integrated control system for vehicle control that comprises, among other features, sensing unit that senses and stores information relating to a vehicle state, wherein a first subsystem provides a basic control function and comprises a first request unit that calculates a first control quantity based on at least part of the sense information received from the sensing unit, first arbitration unit that arbitrates the first control quantity received from the first request unit, and at least a second control quantity received from a second arbitration unit of a second subsystem, and an output unit that controls an actuator of the vehicle based on the arbitration result of the first arbitration unit, wherein the second subsystem provides a stabilization control function and comprises a second request unit that calculates a third control quantity based on at least part of the sensed information received from the sensing unit and the second arbitration unit that arbitrates the third control quantity and a fourth control quantity received from a third arbitration unit of a third subsystem in order to output the second control quantity of the first arbitration unit of the first subsystem, where the third subsystem provides a driving support function and comprises a third request unit that calculates a fifth control quantity based on at least part of the sensed information received from the sensing unit and the third arbitration unit that arbitrates the fifth control quantity received from the fifth request unit in order to output the fourth control quantity to the second arbitration unit of the second subsystem.

Rather, Breed merely teaches a communication device that transmits the output of the diagnostic system to a remote location where the diagnostic system can include sensors and a processor coupled to the sensors (Abstract). Breed also merely teaches a processor 416 is coupled to another vehicular system and can issue control commands to affect adjustment of

the operating conditions of the system (col. 28, lines 8-14). In other words, Breed fails to teach the hierarchical system recited in the pending claims.

For at least the foregoing reasons, Breed cannot reasonably be relied upon to teach all the features recited in independent claim 19. Further, because claims 20-25 depend from claim 19, they too are allowable based at least on their dependence on an allowable base claim, as well as for the separately patentable subject matter that each of these claims recites.

In view of the foregoing, Applicants respectfully submit that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 19-25 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number set forth below.

Respectfully submitted,

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